

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

U.S. PTO  
17858 10/7/16965

|  |   |
|--|---|
| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br><br>(Only for new nonprovisional applications under 37 CFR 1.53(b)) | <b>Attorney Docket No.</b> 36280<br><b>First Inventor</b> Kiyoshi Arita<br><b>Title</b> Method of Manufacturing..<br><b>Express Mail Label No.</b> EL981273412 US |
|--|---|

|  |   |
|--|---|
| <b>APPLICATION ELEMENTS</b><br><i>See MPEP chapter 600 concerning utility patent application contents.</i>   | <b>ADDRESS TO:</b><br>Mail Stop Patent Application<br>Commissioner for Patents<br>P.O. Box 1450<br>Alexandria VA 22313-1450 |
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)<br><i>(Submit an original and a duplicate for fee processing)</i><br>2. <input type="checkbox"/> Applicant claims small entity status.<br><i>See 37 CFR 1.27.</i><br>3. <input checked="" type="checkbox"/> Specification [Total Pages 55]<br><i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross Reference to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 14]<br>5. Oath or Declaration [Total Sheets 3] <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</li> <li>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))<br/> <i>(for continuation/divisional with Box 18 completed)</i> <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br/> <i>Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</i></li> </ul> </li> </ul> 6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 |   |
| 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)<br>8. Nucleotide and/or Amino Acid Sequence Submission<br><i>(if applicable, all necessary)</i> <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Form (CRF)</li> <li>b. <input type="checkbox"/> Specification Sequence Listing on:               <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input type="checkbox"/> Paper</li> </ul> </li> <li>c. <input type="checkbox"/> Statements verifying identity of above copies</li> </ul>   |   |
| <b>ACCOMPANYING APPLICATION PARTS</b>  |   |
| 9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))<br>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney<br><i>(when there is an assignee)</i><br>11. <input type="checkbox"/> English Translation Document (if applicable)<br>12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations<br>13. <input type="checkbox"/> Preliminary Amendment<br>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br><i>(Should be specifically itemized)</i><br>15. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s)<br><i>(if foreign priority is claimed)</i><br>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.<br>17. <input checked="" type="checkbox"/> Other: Check for \$1,316.00  |   |

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation       Divisional       Continuation-in-part (CIP)      of prior application No.: .....

Prior application information: Examiner \_\_\_\_\_ Art Unit: \_\_\_\_\_  
**For CONTINUATION OF DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

|  |         |   |                |
|--|---------|---|----------------|
| <input checked="" type="checkbox"/> Customer Number: | 000,116 | <b>OR</b> <input type="checkbox"/> Correspondence address below |                |
| Name _____   |         |   |                |
| Address _____  |         |   |                |
| City _____   |         | State _____   | Zip Code _____ |
| Country _____  |         | Telephone _____   |                |
| Name (Print/Type)                                    |         | Registration No. (Attorney/Agent) 27676                         |                |
| Signature  |         | Date 11/19/2003   |                |

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  
*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

**PATENT**

**PEARNE & GORDON LLP**  
1801 East 9th Street  
Suite 1200  
Cleveland, Ohio 44114-3108  
(216) 579-1700

Attorney Docket No.: 36280

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing by other than a small entity is the patent application of:

Inventor: Kiyoshi Arita

For: METHOD OF MANUFACTURING SEMICONDUCTOR  
DEVICE, PLASMA PROCESSING APPARATUS AND  
PLASMA PROCESSING METHOD

Fourteen (14) sheet(s) of informal drawings are included.

An assignment of the invention to Matsushita Electric Industrial Co., Ltd. is included along with a Recordation Form Cover Sheet. Please record and return the assignment to the undersigned.

Priority is claimed under 35 U.S.C. § 119 on the basis of the following foreign applications: **Japanese Patent Application No's. 2002-336415 and 2002-336416, both filed on November 20, 2002.** A certified copy of these applications are enclosed.

"Express Mail" mailing label number EL981273412US

Date of Deposit November 19, 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Mail Stop Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450.

Amanda Wittine  
Printed Name of Person Mailing Paper or Fee

Amanda Wittine  
Signature of Person Mailing Paper or Fee

**CLAIMS AS FILED**

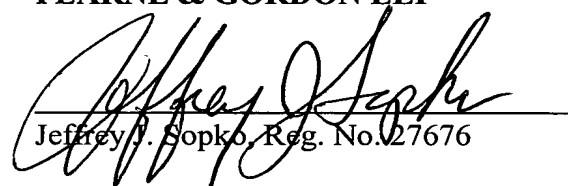
| <u>For</u>  | <u>Number</u> | <u>Rate</u>             | <u>Fees</u>              |
|---|---------------|-------------------------|--------------------------|
| Total claims in excess of 20:                                   | 12            | \$18.00                 | \$216.00                 |
| Independent claims in excess of 3:                              | 0             | \$86.00                 | \$0.00                   |
| Multiple dependent claims, if any,<br>add surcharge of \$290.00 |               |                         | \$290.00                 |
| Non-English Specification,<br>add surcharge of \$130.00         |               |                         | \$0.00                   |
|   |               | <b>Basic Fee</b>        | <b>\$770.00</b>          |
|   |               | <b>TOTAL FILING FEE</b> | <b>\$1,276.00</b>        |
| Assignment Recordal Fee of \$40.00                              |               |                         | \$40.00                  |
|   |               | <b><u>TOTAL FEE</u></b> | <b><u>\$1,316.00</u></b> |

A check in the amount of the Total Fee calculated above is enclosed.

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16 and 1.17 which may be required during the entire pendency of this application, or to credit any overpayment, to Deposit Account No. 16-0820, Order No. 36280.

Respectfully,

**PEARNE & GORDON LLP**



Jeffrey J. Sopko, Reg. No. 27676

Date: November 19, 2003